

## ABSTRACT

An RF radiating cable includes a tubular inner conductor, a layer of foam dielectric material surrounding the inner conductor, and a burst-resistant internal layer of flame retardant material longitudinally wrapped about the foam material. A metallic outer conductor is longitudinally wrapped about flame retardant material, where the outer conductor having a plurality of apertures formed therein. A jacket of weather-proofing material is formed as an extruded layer surrounding the outer conductor.